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*Has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.*

*Therefore, this*

United States Patent

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*Bence Lehman*

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*Melvinia Gary*  
Attest



US005764724A

**United States Patent** [19]

Ohlson

[11] Patent Number: 5,764,724

[45] Date of Patent: Jun. 9, 1998

[54] **METHOD OF MAKING X-RAY PHOTOGRAPHS OR EXPOSURES OR OTHER TYPE OF RADIATION SENSING, SUCH AS ELECTRONIC IMAGE STORAGE, AND A PATIENT TABLE HAVING A RECEPTOR UNIT FOR SUCH PHOTOGRAPHY, EXPOSURE OR IMAGE STORAGE**

[75] Inventor: Carl-Eric Ohlson, Stockholm, Sweden

[73] Assignee: AO Medical Products AB, Stockholm, Sweden

[21] Appl. No.: 776,392

[22] PCT Filed: Jul. 26, 1995

[86] PCT No.: PCT/SE95/00887

§ 371 Date: Jan. 28, 1997

§ 102(e) Date: Jan. 28, 1997

[87] PCT Pub. No.: WO96/03077

PCT Pub. Date: Feb. 8, 1996

[30] **Foreign Application Priority Data**

Jul. 28, 1994 [SE] Sweden ..... 9402589

[51] Int. CL<sup>6</sup> ..... G03B 42/04

[52] U.S. Cl. .... 378/177; 378/167; 378/175

[58] Field of Search ..... 378/177, 167, 378/175, 169, 170, 178, 179, 181, 208, 209, 187

[56] **References Cited**

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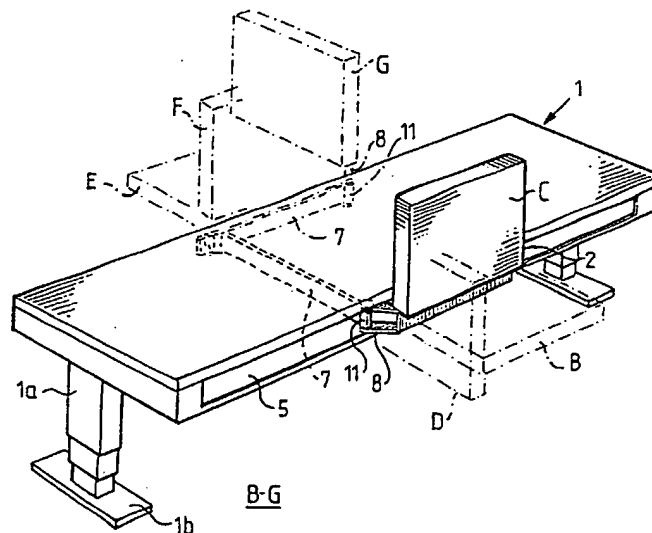
*Primary Examiner*—Don Wong

*Attorney, Agent, or Firm*—Sughrue, Mion, Zinn, Macpeak & Seas, PLLC

[57] **ABSTRACT**

A method of X-ray photography or a method of some other type of radiation sensing, such as electronic image storage, employs the use of a receptor unit (2) which can be swung outwards and upwards from an initial position in or beneath a patient support table (1) about alternative pivot centers (11, 12) disposed in the region of respective side edges of the table to alternative positions for operating with a horizontal beam path. The receptor unit can be swung out about a vertical axis from these positions in which it is parallel with the longitudinal direction of the table to a position in which it is parallel with the longitudinal direction of the table to a position in which the unit is perpendicular to the longitudinal axis of the table, to enable pictures to be taken of a patient seated in a wheelchair, for instance. The invention also relates to a patient support table (1) provided with a receptor unit (2) of this kind.

**19 Claims, 9 Drawing Sheets**



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